

FEMA-4273-DR-WV

Hazard Mitigation

Prioritization 12/15/2017

Criteria

- Governor set priorities
 - Infrastructure
 - Economic Development
 - Housing
- Priorities changed with the election of a new governor
- Late date of the change has had a profound effect on project prioritization
- Application due date is December 22, 2017
- Extension request is being evaluated by FEMA. If approved, the new deadline will be March 2018

Federal and Non-Federal Share

- The Hazard Mitigation Grant Program (HMGP) is a cost sharing program at 75% Federally funded, 25% Non-Federally funded available to communities statewide
- Projects within the Designated Counties for FEMA-4273-DR-WV are eligible to have the Non-Federal Share reduced by utilizing third-party, in-kind (volunteer hours or donated supplies) sources
- Projects outside the Designated Counties are obligated to have the 25% Non-Federal Share funded either by State, Local or other sources identified at the time of application

HMGP: Additional Information

- HMGP post-disaster funding is eligible for mitigation projects statewide, not only the areas
- There are no direct Mitigation activities designed to address economic development
- There are indirect activities that could affect economic development but further study needs to be conducted for definitive proof
 - Increasing resiliency for housing and infrastructure decreases the need for extensive recovery and increases the likelihood that employers will remain with less down time for recovery

Types of Eligible Mitigation Projects Submitted

- Acquisition / Demolition – The act of acquiring and demolishing a structure deed restricting the resulting open space in perpetuity
- Elevation – The act of lifting a structure to the floodplain ordinance level
- Mitigation Reconstruction – The act of demolishing a structure and rebuilding a new structure in compliance with building code and floodplain ordinance
- Water projects – Increasing the capacity of waste, potable and storm water systems to handle increased use (Deferred maintenance is a huge issue with these type projects)
- Generators – Providing a permanent generator for critical facilities to mitigate frequent power outages
- 5% Initiative projects – Projects that have a proven mitigating effect but no means exist for developing the cost effectiveness required for standard HMGP
- 7% Planning Projects – Projects whose deliverable results in a mitigation plan required for submittal to HMGP

Limitations

- All projects not submitted under the 5% and 7% initiatives MUST demonstrate cost effectiveness at the time of submittal
- 5% Initiative is not to be used as a work around for the cost effectiveness requirement
- Deferred maintenance is a disqualifying factor (water/sewage/storm drainage)
 - If the system is not maintained prior to the event, which is a contributing factor to its failure, that project is ineligible.
- HMGP is a voluntary program on both the participant and community level
- Complex 2-phase projects (mostly water) require extensive engineering prior to application submittal
- Projects MUST have a Benefit Cost Ratio (BCR) of 1.0 or greater to be considered cost effective
- Acquisition / Demolition is the only allowed alternative for floodway structures
- \$69,667,311.00 (\$52,250,438.00 Federal Share, \$17,416,873.00 Non-Federal Share) Total funding available
- \$250,851.57 (\$193,982.98 Federal Share, \$56,868.59 Non-Federal Share) already expended

Summary (Continued)

- Matched Infrastructure Projects
 - 10 Infrastructure Projects totaling \$33,566,559.00 with \$8,391,639.75 required for Non-Federal Share
- Matched Generator Projects
 - 9 Generator Projects totaling \$2,579,278.00 with \$644,819.50 required for Non-Federal Share
- Matched Reconstruction Projects
 - 8 Reconstruction Projects totaling \$5,430,100.00 with \$1,357,525.00 required for Non-Federal Share
- Matched Elevation Projects
 - 2 Elevation Projects totaling \$728,746.00 with \$182,186.50 required for Non-Federal Share
- Matched Acquisition / Demolition Projects
 - 8 Acquisition / Demolition Projects totaling \$3,890,530.00 with \$972,632.50 required for Non-Federal Share

Infrastructure Generators

Community Name	County	Project Type	Number of Structure	Project Cost	Federal Share	Non-Federal Share	Benefits	BCR
Huntington	Cabell	17 Pump Stations	1	\$ 1,116,965.00	\$ 837,723.75	\$ 279,241.25	\$ 11,543,027.00	10.33
Tunnelton	Preston	Generator Water Plant	1	\$ 189,011.00	\$ 141,758.25	\$ 47,252.75	\$ 1,779,863.00	9.42
Naugatuck	Mingo	Water Treatment Plant	1	\$ 231,700.00	\$ 173,775.00	\$ 57,925.00	\$ 1,944,766.00	8.39
Kermit	Mingo	Water Treatment Plant	1	\$ 199,501.00	\$ 149,625.75	\$ 49,875.25	\$ 1,352,061.00	6.78
Oceana	Wyoming	Generator Water Plant	1	\$ 149,250.00	\$ 111,937.50	\$ 37,312.50	\$ 304,662.00	2.04
Tyler County	Tyler	Sheriff's Department	1	\$ 57,501.00	\$ 43,125.75	\$ 14,375.25	\$ 88,111.00	1.53
Tunnelton	Preston	Generator Sewer Plant	1	\$ 252,761.00	\$ 189,570.75	\$ 63,190.25	\$ 313,386.00	1.24
Terra Alta	Preston	Generator Water Plant	1	\$ 314,639.00	\$ 235,979.25	\$ 78,659.75	\$ 362,614.00	1.15
Bradshaw	McDowell	Generator Water Plant	1	\$ 67,950.00	\$ 50,962.50	\$ 16,987.50	\$ 74,148.00	1.09
TOTALS	9	-	9	\$ 2,579,278.00	\$ 1,934,458.50	\$ 644,819.50	\$ 17,762,638.00	-

Infrastructure (Funds yet to be obligated. Projects still in Phase I)

Community Name	County	Project Type	Number of Structures	Project Cost	Federal Share	Non-Federal Share	Project Benefits	BCR
Logan	Logan	Island Creek Mapping	1	\$ 382,927.00	\$ 287,195.25	\$ 95,731.75	\$ 0.00	0.00
Logan	Logan	Holden Waste Water	1	\$ 8,163,000.00	\$ 6,122,250.00	\$ 2,040,750.00	\$ 0.00	0.00
Logan	Logan	Mud Fork Waste Water	1	\$ 5,625,000.00	\$ 4,218,750.00	\$ 1,406,250.00	\$ 0.00	0.00
Logan	Logan	Generator Fire Dept.	1	\$ 75,170.00	\$ 56,377.50	\$ 18,792.50	\$ 0.00	0.00
Logan	Logan	Generator Fire Dept.	1	\$ 84,170.00	\$ 63,127.50	\$ 21,042.50	\$ 0.00	0.00
Logan	Logan	Generator EOC	1	\$ 215,670.00	\$ 161,752.50	\$ 53,917.50	\$ 0.00	0.00
Beech Bottom	Brooke	Storm Sewer Phase	1	\$ 1,761,100.00	\$ 1,320,825.00	\$ 440,275.00	\$ 0.00	0.00
Wellsburg	Brooke	Storm Water Bypass A	1	\$ 10,275,471.00	\$ 7,706,603.25	\$ 2,568,867.75	\$ 0.00	0.00
Wellsburg	Brooke	Storm Water Bypass B	1	\$ 5,632,051.00	\$ 4,224,038.25	\$ 1,408,012.75	\$ 0.00	0.00
Follansbee	Brooke	Storm water	1	\$ 1,352,000.00	\$ 1,014,000.00	\$ 338,000.00	\$ 0.00	0.00
TOTALS	10	-	10	\$ 33,566,559.00	\$ 25,174,919.25	\$ 8,391,639.75	\$ 0.00	-

Housing Reconstruction (RED indicates BCR below 1.0)

Community Name	County	Project Type	Number of Structures	Project Cost	Federal Share	Non-Federal Share	Benefits	BCR
Logan #2	Logan	Reconstruction	4	\$515,000.00	\$386,250.00	\$128,750.00	\$700,000.00	1.36
Logan #1	Logan	Reconstruction	7	\$996,000.00	\$747,000.00	\$249,000.00	\$1,225,000.00	1.23
Follansbee Project B	Brooke	Reconstruction	7	\$1,039,100.00	\$779,325.00	\$259,775.00	\$1,225,000.00	1.18
Follansbee Project C	Brooke	Reconstruction	4	\$617,200.00	\$462,900.00	\$154,300.00	\$700,000.00	1.13
Follansbee Project D	Brooke	Reconstruction	4	\$625,200.00	\$468,900.00	\$156,300.00	\$700,000.00	1.12
Follansbee Project A	Brooke	Reconstruction	2	\$324,600.00	\$243,450.00	\$81,150.00	\$350,000.00	1.08
Calhoun County	Calhoun	Reconstruction	3	\$526,000.00	\$394,500.00	\$131,500.00	\$525,000.00	1.00
Grantsville	Calhoun	Reconstruction	4	\$787,000.00	\$590,250.00	\$196,750.00	\$700,000.00	0.89
TOTALS	8	-	35	\$5,430,100.00	\$4,072,575.00	\$1,357,525.00	\$6,125,000.00	-

Housing Acquisition / Demolition

Community Name	County	Project Type	Number of Structure	Project Cost	Federal Share	Non-Federal Share	Benefits	BCR
Calhoun County Landslide	Calhoun	Acq./Demo.	1	\$ 47,500.00	\$ 35,625.00	\$ 11,875.00	\$ 276,000.00	5.81
Calhoun County	Calhoun	Acq./Demo.	6	\$ 356,000.00	\$ 267,000.00	\$ 89,000.00	\$ 1,656,000.00	4.65
Grantsville	Calhoun	Acq./Demo.	7	\$ 508,000.00	\$ 381,000.00	\$ 127,000.00	\$ 1,932,000.00	3.80
Logan County #2	Logan	Acq./Demo.	2	\$ 153,812.00	\$ 115,359.00	\$ 38,453.00	\$ 552,000.00	3.59
Logan	Logan	Acq./Demo.	3	\$ 348,845.00	\$ 261,633.75	\$ 87,211.25	\$ 828,000.00	2.37
Wood County (HV)	Wood	Acq./Demo.	12	\$ 2,100,000.00	\$ 1,575,000.00	\$ 525,000.00	\$ 3,312,000.00	1.58
Putnam	Putnam	Acq./Demo.	1	\$ 182,373.00	\$ 136,779.75	\$ 45,593.25	\$ 276,000.00	1.51
Calhoun Library	Calhoun	Acq./Demo.	1	\$ 194,000.00	\$ 145,500.00	\$ 48,500.00	\$ 276,000.00	1.42
TOTALS	8	-	33	\$3,890,530.00	\$2,917,897.50	\$ 972,632.50	\$9,108,000.00	

Special projects

- EOC Hardening \$5,000,000.00 (\$3,750,000.00 Federal Share, \$1,250,000.00 Non-Federal Share [May be eligible for CDBG-DR Set aside])

5% Initiative

- Available funding \$3,483,365.00 (\$2,612,524.00 Federal Share, \$870,841.00 Non-Federal Share)
- Total Exposure in the Floodplain / Total Exposure Area to Landslide Study \$3,000,000.00
- Remainder available for standard projects

7% Planning

- \$4,876,711.00 Total Available
- Jefferson County All Hazard Plan Update \$60,000.00
(\$45,000.00 Federal Share, \$15,000.00 Non-Federal Share)
- Remainder available for standard projects